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VOL. 12, No. 5, MAY 1974

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MULTIPLE SUBJECT AREA

ANON.

Veterinary public health: a review of the WHO programme-2.

Scrapie; FMD.

WHO Chron. 28(4):178-189, 1974.

PIL

CHAPMAN, W.G., and BURROWS, R.

Rapid identification of swine vesicular disease virus in vesicular epithelium using the fluorescent antibody technique.

SVD; FMD.

Res. Vet. Sci. 15(3):397-399, 1973.

PIL

HERNIMAN, K.A.J., and others.\*

The action of heat, chemicals and disinfectants on swine vesicular disease virus.

SVD; FMD.

Vet. Rec. 93(24):620-625, 1973.

\*P.M. McWhurst, J.N. Wilson, and R.F. Sellers.

PIL

LINDENMANN, J.

Viruses as immunological adjuvants in cancer.

VSV; Fowl plague.

Biochim. Biophys. Acta 355(1):49-75, 1974.

PIL

PERREAU, P.

Les vaccinations associees en elevage tropical.

Rinderpest; CBPP; FMD; Sheep pox.

Bull. Assoc. Fr. Vet. Microbiol. Immunol. Spec.

Mal Infect. No. 14:39-49, 1973.

PIL

PLUM ISLAND ANIMAL DISEASE CENTER, ARS, USDA.

Reference manual; foreign animal disease courses.

Beltsville, Md., USDA Press, viii, 112 p., appendix, illus., 1974.

AHS; ASF; CBPP; Bov. Mamm.; FMD; Fowl plague;

Lumpy skin; PPR; Rinderpest; SVD; VES; VSV.

SF 781 PL6



MULTIPLE SUBJECT AREA

-53-

SHUGAR, D.

Progress with antiviral agents.

FMD; VSV.

FEBS (Fed. Eur. Biochem. Soc.) Lett. 40(Suppl.):

S48-S62, 1974.

PIL

TROWBRIDGE, R.S.

SCP cells persistently infected with strain K796  
visna virus: susceptibility to homologous and  
heterologous viruses.

Visna; VSV.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:

263(V375), 1974.

PIL

WEINHOLD, E.

Bedeutung von Viren in Lebensmitteln vom Tier.

(Zugleich ein Beitrag zur Frage der Untersuchung  
von Lebensmitteln auf Viren.) [Importance of  
viruses in foodstuffs of animal origin. (A report  
on the problem of examining foodstuffs for viruses.)]

Cont. ecthyma; FMD; VEE; Louping ill; RVF;

Wesselsbron; VSV; Teschen; AHS; Fowl plague;

Rinderpest; Borna; ASF; Visna; Maedi.

Arch. Lebensmittelhyg. 24(10):237-243, 1973(Ger., engl.).

Index Vet. 42(3):112, 1974.

PIL &  
#6170

AFRICAN HORSE SICKNESS

PARKER, J.

African horse sickness virus antibodies in

Cyprus—1971-72.

Vet. Rec. 94(16):370-373, 1974.

PIL

AFRICAN SWINE FEVER

PAN, I.C., and others.\*

African swine fever: hypergammaglobulinemia and  
the iodine agglutination test.

Am. J. Vet. Res. 35(5):629-631, 1974.

\*R. Trautman, C.J. DeBoer, and W.R. Hess.

PIL/A &  
#7402

BORNA DISEASE

ANZIL, A.P.

Etude morphologique et biologique de la maladie  
de Borna experimentale. [Morphological and  
biological study of experimental Borna disease.]

Pathol. Biol. 21(3):281, 1973 (Fr.).

Biores. Index 74(6):047903, 1974.

#8808





BIANCARDI, G., and others.\*

Mastite microplasmic bovina: contributo clinico-terapeutico e profilattico (vaccinazione).

[Bovine mycoplasma mastitis: clinical therapy and prophylaxis (vaccination).]

Atti Soc. Ital. Buiatria 5:197-205, 1973(Ital., engl.).

Vet. Bull. 44(3):136(976), 1974.

\*P. Accorsi, A. Caravita, and A. Mutti.

PIL

TALEGON, F.

Contagious agalactia of sheep and goats.

Agricultura (Madr.) 42(498):647-648, 1973(Span.).

Bibliogr. Agric. 38(3):55(021156), 1974.

PIL

### CONTAGIOUS BOVINE PLEUROPNEUMONIA

KAKOMA, I., and STONE, S.S.

The development of Forssman antibody in the sera of cattle following vaccination and infection with contagious bovine pleuropneumonia.

Res. Vet. Sci. 16(2):143-146, 1974.

PIL/A &  
#

USKAVITCH, R., comp.

Contagious bovine pleuropneumonia and Mycoplasma mycoides var. mycoides; a bibliography, Supplement No. 4, May 1973- April 1974.

Greenport, L.I., N.Y., U.S. Dep. Agric., Agric. Res. Serv., Plum Island Anim. Dis. Cent., 8 p., 1974.

#8053/4

### CONTAGIOUS ECTHYMA OF SHEEP

WENNER, H.A.

Virus diseases associated with cutaneous eruptions.

In: Prog. Med. Virol., Vol. 16:269-336, ed. by J.L. Melnick. New York, S. Karger, xviii, 363 p., illus., 1973.

QR 360 B3

### EAST COAST FEVER

IRVIN, A.D., and others.\*

Autoradiographic evidence for the occurrence of cell fusion in cultures of Theileria-infected bovine lymphoid cells.

Res. Vet. Sci. 16(2):137-142, 1974.

\*C.G.D. Brown, C.D.H. Boarer, J.G. Crawford, and G.K. Kanhai.

PIL

PURNELL, R.E., RADLEY, D.E., and CUNNINGHAM, M.P.

A note on the susceptibility of sheep and goats to East Coast fever.

Vet. Rec. 94(13):278, 1974.

PIL

SPOONER, R.L., and others.\*

Some serum globulin changes in East Coast fever.

Res. Vet. Sci. 15(3):368-374, 1973.

\*W.J. Penhale, M.J. Burridge, and C.G.D. Brown.

PIL



YOUNG, A.S., and others.\*

Observations on the cross-immunity between Theileria lawrencei (Serengeti) and Theileria parva (Muguga) in cattle.

Int. J. Parasitol. 3(6):723-728, 1973.

Bibliogr. Agric. 38(3):57(021279), 1974.

Abstr.in: Vet. Bull. 44(4):230(1657), 1974.

\*C.G.D. Brown, M.J. Burridge, M.P. Cunningham,  
I.M. Kirimi, and A.D. Irvin.

PIL

# FOOT-AND-MOUTH DISEASE

ANON.

Foot-and-mouth danger grows.

FMD; SVD.

Farmer and Stockbreeder 3(62):6, 1973.

#5729

ANON.

[L'inactivation du virus de la fièvre aphteuse  
pour la preparation de vaccins.]

Veterinaria (Parag.) (7):4-5, 1973 (Span.).

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA

Merieux (Sect. Virol. Pathol. Virale Anim.)

V4 08.116, February 1974.

---

ANON.

Plastics help fight foot & mouth disease.

Beetle Bull. (31):13-16, 1973.

#5757

BREESE, S.S., Jr., and BACHRACH, H.L.

Measurements of single-stranded RNA from foot-  
and-mouth disease virus.

In: Electron Microsc. Soc. Am., Proc., 31st  
Annu. Meet., 1973, p. 594-595, ed. by

C.J. Arceneaux. Baton Rouge, La.,

Claitor's Publ. Div., p., illus., 1973.

PIL/A &  
#8814

BROOKSBY, J.B.

Holding foot-and-mouth at bay.

Dairy Farmer 21(1):26-27; 30-31, 1974.

#5736

COLSON, X.

[La vaccination spécifique anti-aphteuse dans  
l'espece porcine.]

Veterinaria (Parag.) (7):19-27, 1973 (Span.).

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA

Merieux (Sect. Virol. Pathol. Virale Anim.)

V4 08.115, February 1974.

---

CONDY, J.B., and HEDGER, R.S.

The survival of foot-and-mouth disease virus in  
African buffalo with non-transference of  
infection to domestic cattle.

Res. Vet. Sci. 16(2):182-185, 1974.

PIL





FAVRE, H., and others.\*

Un nouveau vaccin inactif associe antiaphteux,  
antibrucellique et antirabique.

Bull. Assoc. Fr. Vet. Microbiol. Immunol. Spec.

Mal. Infect. No. 14:3-20, 1973.

\*L. Valette, D. Fargeaud, F. Perrenot, P. Precausta,  
J. Terre, and J. Fontaine.

PIL

FEDERER, K.E.

Diagnostico de laboratorio de la fiebre aftosa.

In: Conf. Simp. y Plenario, Congr. Latinoam.

Microbiol., 5th, Uruguay, 1971, p. 171-174,

ed. by J.C. Bacigalupi, and E. R. Castro.

Montevideo, Uruguay, p., 1971.

#8806

FERNANDES, M.V.

Fiebre aftosa. [Foot-and-mouth disease.]

In: Conf. Simp. y Plenario, Congr. Latinoam.

Microbiol., 5th, Uruguay, 1971, p. 161, ed.

by J.C. Bacigalupi, and E.R. Castro.

Montevideo, Uruguay, p., 1971.

#8803

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

Non-tariff barriers to international meat trade

arising from health requirements. Rome, FAO,

117 p. (Series of supplementary reports to the  
animal health yearbook, No. 1), 1973.

#4327/1

GOIC, R.M.

[Situation de la lutte anti-aphteuse en Amerique  
du Sud.]

Annals 13th Congr. Bras. Med. Vet. Brasilia,  
November 19-23, 1972 (Port.).

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA  
Merieux (Sect. Virol. Pathol. Virale Anim.)  
V4 08.192, February 1974.

---

IMRE, D.

Anaphylaxia szaj- es körömfajas elleni revakeinacio  
es penicillin-kezeles eseteben. [Anaphylaxis  
in the case of revaccination against foot and  
mouth disease and penicillin treatment.]

Mayg. Allatorv. Lapja 28(7):635-636, 1973 (Hung.).

#8810

INTER-AMERICAN MEETING ON FOOT-AND-MOUTH DISEASE AND

ZOONOSSES CONTROL. 6th. Medellin, Colombia, 1973.

[Proceedings]. Washington, D.C., Pan American  
Health Organization, xiv, 136 p., illus. (Sci.  
Publ. No. 281), 1974.

SF 793 I2

ISTVAN, H.

A szaj- es körömfajas gyógyitasa 1788-ban.

[Treatment of foot and mouth disease  
in 1788.]

Magy. Allatorv. Lapja 28(7):635, 1973 (Hung.).

#8810



LIEBERMANN, Ht.

Aggregationsvorgänge beim Maul- und Klauenseuche-Virus. [Aggregation processes in foot-and-mouth disease virus.]

Stud. Biophys. 39(2):89-95, 1973 (Ger., engl.).

#8809

LIEBERMANN, Ht.

Zum Dichteverhalten des Maul-und-Klauenseuche-Virus in CsCl-Lösungen. [Density of foot and mouth disease virus in caesium chloride solutions.]

Arch. Exp. Veterinärmed. 27(6):939-944, 1973 (Ger., engl.).

PIL

LIEBERMANN, Ht., and SCHERFF, J.

Verwendung des Universalspektralphotometers als Durchflussphotometer zum empfindlichen Registrieren von Virusproteinen. [Use of a universal spectrophotometer as a flow photometer for sensitive recording of viral proteins.]

Arch. Exp. Veterinärmed. 27(6):855-859, 1973 (Ger., engl.).

PIL

MAGALLANES, N.

Produccion y control de vacunas antiaftosas.

In: Conf. Simp y Plenario, Congr. Latinoam.

Microbiol., 5th, Uruguay, 1971, p. 175-178,

ed. by J.C. Bacigalupi, and E.R. Castro.

Montevideo, Uruguay, p., 1971.

#8807

MAGLIONE, E., and BECCARIA, E.

Il metodo del conteggio delle unita' formanti placca nello studio dell'eventuale effetto della Rifampicina sulla replicazione in vitro dei virus della rinotracheite infettiva del bovino e dell'afta epizootica. [The plaque assay in the study of an eventual effect of Rifampicin on in vitro growth of infectious bovine rhinotracheitis and foot and mouth disease viruses.]

Atti Soc. Ital. Buiatria 5(5-7):409-413, 1973 (Ital., engl.). #5758

PAPPOUS, Ch.

Detection of serumneutralizing antibodies in cattle vaccinated against foot-and-mouth disease in field.

Bull. Hell. Vet. Med. Soc. 24(3):154-164, 1973 (Gr., engl.).

#5756

PUSTIGLIONE NETTO, L.

Avancos na virologia da febre aftosa.

In: Conf. Simp. y Plenario, Congr. Latinoam.

Microbiol., 5th, Uruguay, 1971, p. 163-166,

ed. by J.C. Bacigalupi, and E.R. Castro.

Montevideo, Uruguay, p., 1971.

#8804





RICHMOND, J.Y.

Initial characterization of several foot-and-mouth disease virus ts mutants.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
208(V49), 1974.

PIL/A

ROSENBERG, F.

Epidemiologia de la fiebre aftosa en America del sur.

In: Conf. Simp. y Plenario, Congr. Latinoam.  
Microbiol., 5th, Uruguay, 1971, p. 167-170,  
ed. by J.C. Bacigalupi, and E.R. Castro.  
Montevideo, Uruguay, p., 1971.

#8805

SHITYI, A.G.

Inhibitory effect of N-hydroxyalkylpyrimidones  
on foot-and-mouth disease virus in a PP  
tissue culture.

Tr. Alma-At. Zoovet. Inst. 20:95-96, 1972(Russ.).  
Chem. Abstr. 80(19):76(104422g), 1974.

PIL

SOBKO, A.I., and others.\*

K voprosu identifikatsii shtammov virusa  
yashchura. [The identification of strains  
of foot and mouth disease virus.]  
Veterinariya (Mosc.) (1):44-46, 1974 (Russ.).  
Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent)  
13(3):35-36(74/46), 1974.

\*V.N. Prokhorov, L.N. Sokolov, and Ts.V. Bazadze.

SF 793 W4

SWANEY, J.B., VANDE WOUDE, G.F., and BACHRACH, H.L.

Sodium dodecylsulfate-dependent anomalies in gel  
electrophoresis: alterations in the banding  
patterns of foot-and-mouth disease virus  
polypeptides.

Anal. Biochem. 58(2):337-346, 1974.

PIL/A &  
#7407

TERRE, J., and others.\*

Les vaccins veterinaires associes ayant un  
composant antirabique.

Bull. Assoc. Fr. Vet. Microbiol. Immunol. Spec.

Mal. Infect. No. 14:51-69, 1973.

\*Precausta, Soulebot, Moreau, Brun; Fontaine, Favre,  
Chappuis, Fargeaud, Moreau, Perrenot; Valette,  
Theilleux, Bonneau; Chappuis, Precausta, Mougeot;  
and Stellmann.

PIL

VILLON, A.

Epizootologie de la fievre aphteuse en Ethiopie.

Identification des types de virus.

--These, Ec. Natl. Vet. Lyon, No. 366, p., 1973.

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA  
Merieux (Sect. Virol. Pathol. Virale Anim.)  
V4 08.191, February 1974.

---



KORBECKI, M.

Effect of 2-(N-D-glucosylamino)-5-(3-pyridyl)-1,3,4-oxadiazole on replication of fowl plague virus in cell culture.

Med. Dosw. Mikrobiol. 25(4):335-338, 1973 (Pol.).

Chem. Abstr. 80(17):57(91608v), 1974.

PIL

### SCRAPIE

BUNTAIN, D., THOMPSON, J.R., and HEATH, G.B.S.

Scrapie: observations on a field outbreak.

Vet. Rec. 94(15):332, 1974.

PIL

CHANDLER, R.L.

Ultrastructural observations on scrapie in the gerbil.

Res. Vet. Sci. 15(3):322-328, 1973.

PIL

EKLUND, C.M., and HADLOW, W.J.

Implications of slow viral diseases of domestic animals for human disease.

Medicine (Baltimore) 52(4):357-361, 1973.

#5709

FEDIDA, M.

Une maladie grave, analogue a la sclerose en plaques de l'homme...

La tremblante du mouton.

L'Elevage (24):33-37, 1973 (Fr.).

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA

Merieux (Sect. Virol. Pathol. Virale Anim.)

V4 08.160, February 1974.

---

FIELD, E.J., and SHENTON, B.K.

Immunological reactions in scrapie: the basis of a rapid titration method.

Pathol. Biol. 21(10):1051-1056, 1973.

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA

Merieux (Sect. Virol. Pathol. Virale Anim.)

V4 08.107, February 1974.

---

GUSTAFSON, D.P., and LAMAR, C.H.

Adenosine 3', 5' monophosphate in scrapied mice.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:

251(V302), 1974.

PIL

HADLOW, W.J., and others.\*

Course of experimental scrapie virus infection in the goat.

J. Infect. Dis. 129(5):559-567, 1974.

\*C.M. Eklund, R.C. Kennedy, T.A. Jackson,

H.W. Whitford, and C.C. Boyle.

PIL



MAGOT, G.J.L.

Etiologie de la tremblante.

--These, Ec. Natl. Vet. Toulouse, No. 335,  
p., 1973.

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA  
Merieux (Sect. Virol. Pathol. Virale Anim.)  
V4.08.111, February 1974.

---

MARSH, R.F., and others.\*

Scrapie and transmissible mink encephalopathy:  
search for infectious nucleic acid.

J. Virol. 13(5):993-996, 1974.

\*J.S. Semancik, K.C. Medappa, R.P. Hanson, and  
R.R. Rueckert.

PIL

SWINE VESICULAR DISEASE

ANON.

SVD -- a grave situation.

Vet. Rec. 94(15):351, 1974.

PIL

MONLUX, W.S., GRAVES, J.H., and McKERCHER, P.D.

Brain and spinal cord lesions in pigs inoculated with  
swine vesicular disease virus (Hong Kong strain).

Am. J. Vet. Res. 35(5):615-617, 1974.

PIL/A &  
#7403

SØRENSEN, K.J.

Smitsomt blæseudslæt hos svin.

Særtr. Medlemsbl. Den danske Dyrlægeforen.  
56:1101-1106, 1973 (Dan., engl.).

#5721

TESCHEN DISEASE

LAVA, D.

La pathologie porcine dans le departement de la  
reunion. Maladie de Teschen, peste porcine, rouget.

--These, Ec. Natl. Vet. Lyon, No. 326, p., 1973.

Cited in: Bull. Bibliogr. - Inst. Merieux/IFFA  
Merieux (Sect. Virol. Pathol. Virale Anim.)  
V4 08.430; G0 08.164, February 1974.

---

VENEZUELAN EQUINE ENCEPHALOMYELITIS

HORZINEK, M.C.

The structure of togaviruses.

In: Prog. Med. Virol., Vol. 16:109-156, ed. by  
J.E. Melnick. New York, S. Karger, xviii,  
363 p., illus., 1973.

QR 360 B3

HUGHES, F., and PEDERSEN, C.E., Jr.

Spin label probe of structure of A group A  
arbovirus.

Fed. Proc. 33(5, Part 2):1543(1804), 1974.

PIL





JAHRLING, P.B., DENDY, E., and EDDY, G.A.

Correlates to increased lethality of attenuated Venezuelan encephalitis virus vaccine for immunosuppressed hamsters.

Infect. Immun. 9(5):924-930, 1974.

PIL

KIRK, L.J., and HOLDEN, P.

Rapid identification of western equine encephalomyelitis virus.

Can. J. Microbiol. 20(2):215-217, 1974.

PIL

KISELEV, O.I., and others.\*

Effect of homologous nuclear RNA and infectious RNA of the virus of Venezuelan equine encephalomyelitis on biosynthesis of RNA and protein in isolated rat liver mitochondria.

Biokhimiya 38(6):1228-1236, 1973 (Russ.).

Chem. Abstr. 80(17):98(92137c), 1974.

\*V.S. Gaitshoki, F.I. Ershov, L.K. Men'shikh, O.V. Zaitseva, L.V. Uryvaev, V.M. Zhdanov, and S.A. Neifakh.

PIL

OLSON, J.K.

Mosquito activity in Texas during 1971 outbreak of Venezuelan equine encephalitis (VEE).

I. Vector potential for VEE [Venezuelan equine encephalitis] in Texas rice belt region.

Mosq. News 33(4):553-559, 1973.

Bibliogr. Agric. 38(3):57(021324), 1974.

PIL

SUYEMOTO, W., SCHIEFER, B.A., and ELDRIDGE, B.F.

Precipitin tests of blood-fed mosquitoes collected during the VEE surveillance survey in the southern United States in 1971.

Mosq. News 33(3):392-395, 1973.

Biol. Abstr. 57(10):6154-6155(57663), 1974.

PIL

WEIDE, K.D.

Venezuelan equine encephalomyelitis.

Q. Coop. Ext. Serv. Univ. Ariz. 101: 2 p., 1973.

Bibliogr. Agric. 38(3):58(021344), 1974.

PIL

VESICULAR STOMATITIS VIRUS

EHRENFELD, E.

Polyadenylation of vesicular stomatitis virus mRNA.

J. Virol. 13(5):1055-1060, 1974.

PIL

HOLMES, K.V.

Scanning electron microscopy of virus budding and cytopathic effects of vesicular stomatitis virus (VSV).

Abstr. Annu. Meet. Am. Soc. Microbiol. 74: 266(V394), 1974.

PIL





KELLEY, J.M., and EMERSON, S.U.

Partial chemical analysis of the glycoprotein  
of vesicular stomatitis virus.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
266(V396), 1974.

PIL

KOST, T.A., and HAYES, E.C.

Cyclic AMP enhancement of the antiviral activity  
afforded mouse LM-cells by interferon.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
242(V250), 1974.

PIL

KOZAK, C.A., TAN, Y.H., and RUDDLE, F.H.

Somatic cell studies on the mouse interferon system.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
261(V367), 1974.

PIL

KRAMER, M.J., and others.\*

Interferon-inducing and antiviral activity of QB  
6S RNA.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
253(V316), 1974.

\*E. Lee, M.F. Jaros, and P.W. Trown.

PIL

LENARD, J., and COMPANS, R.W.

The membrane structure of lipid-containing viruses.

Biochim. Biophys. Acta 344(1):51-94, 1974.

PIL

LESNAW, J.A., and REICHMANN, M.E.

RNA synthesis by temperature sensitive mutants  
of the New Jersey serotype of vesicular  
stomatitis virus.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
267(V398), 1974.

PIL

LEVINE, S.

Effects of irradiation on the responses of  
animal cells to virus.

In: Prog. Med. Virol., Vol. 16:157-214, ed. by  
J.L. Melnick. New York, S. Karger, xviii,  
363 p., illus., 1973.

QR 360 B3

McSHARRY, J.J., and CHOPPIN, P.W.

The effects of the isolated VSV spike glycoprotein  
on cellular macromolecular synthesis.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
266(V395), 1974.

PIL

MADORE, P., and others.\*

Phosphate-acceptor amino acids in rhabdovirus  
phosphoproteins.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
265(V391), 1974.

\*K.B. Tan, M.L. McFalls, and F. Sokol.

PIL



MARCUS, P.I., and SEKELLICK, M.J.

Cell killing by vesicular stomatitis virus (VSV).

II. Requirement for transcription.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
266(V397), 1974.

PIL

MARCUS, P.I., TERRY, T.M., and LEVINE, S.

Interferon action: inhibition of VSV transcription  
in vitro by membrane fractions.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
242(V251), 1974.

PIL

OBIJESKI, J.F., and others.\*

Phosphoproteins and protein kinase activity  
of rhabdoviruses.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
265(V390), 1974.

\*F. Sokol, H.F. Clark, P. Madore, M. McFalls, and  
D.H.L. Bishop.

PIL

PALMA, E.L., PERLMAN, S.M., and HUANG, A.S.

Ribonucleic acid synthesis of vesicular stomatitis  
virus. VI. Correlation of defective particle  
RNA synthesis with standard RNA replication.

J. Mol. Biol. 85(1):127-136, 1974.

PIL

PIERCE, J.S., STRAUSS, E.G., and STRAUSS, J.H.

Effect of ionic strength on the binding of  
Sindbis virus to chick cells.

J. Virol. 13(5):1030-1036, 1974.

PIL

PITHA, P.M., HARPER, H.D., and PITHA, J.

Dependence of interferon induction on cell  
membrane integrity.

Virology 59(1):40-50, 1974.

PIL

RHODES, D.P., MOYER, S.A., and BANERJEE, A.K.

Adenylation of RNA synthesized by purified vesicular  
stomatitis virus (VSV) in vitro.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
266(V392), 1974.

PIL

SHANKS, P.A., and REICHMANN, M.E.

Transcribing subviral cores in BHK-21 cells  
infected with vesicular stomatitis virus.

Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
266(V393), 1974.

PIL

STEWART, W.E., II, and DE CLERCQ, E.

Relationship of cytotoxicity and interferon-  
inducing activity of polyribonucleosinic  
acid-polyribocytidylic acid to the  
molecular weights of the homopolymers.

J. Gen. Virol. 23(1):83-89, 1974.

PIL



- SWORD, H., CORMACK, D.V., and HOLLOWAY, A.F.  
 Temperature-sensitive mutants or vesicular  
 stomatitis virus: properties of the progeny  
 resulting from mixed infections.  
 In Vitro 9(5):366(55), 1974. PII
- TESH, R.B., and others.\*  
 Ecology of viruses isolated from Panamanian  
 phlebotomine sandflies.  
 Am. J. Trop. Med. Hyg. 23(2):258-269, 1974.  
 \*B.N. Chaniotis, P.H. Peralta, and K.M. Johnson. PII
- THACORE, H.R., and YOUNGNER, J.S.  
 Persistence of vesicular stomatitis virus in  
 interferon-treated cell cultures.  
 Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
 241(V246), 1974. PII
- TONEGUZZO, F., and GHOSH, H.P.  
 Synthesis in vitro of vesicular stomatitis  
 virus proteins.  
 Fed. Proc. 33(5, Part 2):1543(1806), 1974. PII
- WATANABE, Y., SAKUMA, S., and TANAKA, S.  
 A possible biological function of the protein  
 kinase associated with vaccinia and  
 vesicular stomatitis virions.  
 FEBS (Fed. Eur. Biochem. Soc.) Lett. 41(2):331-334,  
 1974. PII
- WUNNER, W.H., and PRINGLE, C.R.  
 A temperature-sensitive mutant of vesicular  
 stomatitis virus with two abnormal  
 virus proteins.  
 J. Gen. Virol. 23(1):97-106, 1974. PII
- YAMAMOTO, Y., and others.\*  
 Electrophoretic characterization of purified  
 mouse L cell interferon of high  
 specific activity.  
 J. Gen. Virol. 23(1):23-32, 1974.  
 \*K. Tsukui, M. Ohwaki, and Y. Kawade. PII

VISNA DISEASE

- TROWBRIDGE, R.S., TORCHIO, C., and THORMAR, H.  
 Biochemical, biological, and physical comparison  
 of two virus clones isolated from strain  
 K796 visna virus.  
 Abstr. Annu. Meet. Am. Soc. Microbiol. 74:  
 239(V235), 1974. PII





VISNA DISEASE

-65-

WEINHOLD, E.

Visna-Virus-ähnliche Partikel in der Kultur von  
Plexus chorioideus-Zellen einer Ziege mit  
Visna-Symptomen. [Visna virus-like particles  
in cultures of choroid plexus vells of a goat  
with symptoms of visna infection.]

Zentralbl. Veterinärmed., Reihe B 21(1/2):32-36,  
1974 (Ger., engl.).

PIL

MISCELLANEOUS

ALMEIDA, J.D.

The structure and nature of viruses.

Br. J. Hosp. Med. 10(4):368-373, 1973.

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